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2. Contents of papers (and abstracts of papers presented at meetings) have been indexed rather than a word breakdown of the title.

3. Principal subjects are given in boldface type. Cross-referenced subjects which should be consulted for a more thorough coverage are given in italics after the principal subject.

4. (A), (L), (B), (P), (N), (O), indicate (A) abstracts of meeting papers; (L) Letters to the Editor; (B) Book Reviews; (P) Personalia; (N) Notes; (O) Obituaries. In the case of abstracts of meetings papers, since several abstracts appear on the same page and often on the same or similar subject, the abstract number is also given. If the paper covered by the abstract has been submitted and published in the same year as the abstract, this has been indicated by a solidus (/) between the abstract notation and the Journal page of the full article, i.e., 264(A67)/589 indicates that the paper described in abstract No. 67 on page 264 has been published in full on page 589.

5. Subjects have been indexed in subdivisions according to key words with prepositions such as "on," "in," "of," "with," included where essential for euphonious interpretation, but not affecting the alphabetical arrangement of the principal subject. In many cases, where obvious, these prepositions have been omitted.

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Back Issues of the Journal of the Optical Society of America

We have received requests from several laboratories for back issues of the Journal that are no longer in stock. If anyone has duplicate copies of the following that they would like to dispose of, please let us know:

Volume 3, 1921
Volume 15, 1925 February, August
Volume 19, 1929 June

We also have been informed that there are copies of JOSA dating back to 1938 which are available from one of our readers.

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Edward O. Hulburt

At the end of 1955, Dr. Edward O. Hulburt retires from his position as Director of Research, Naval Research Laboratory. He has been at the Laboratory since 1924, being Superintendent of the Optics Division from 1924 to 1948. Beginning January 1, 1956, he assumes a new position as Senior Scientist, United States National Committee on the International Geophysical Year. Dr. Hulburt was the recipient of the Federic Ives Medal at the Pittsburgh Meetings of the Optical Society.

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Future Meetings of the Optical Society of America

New York - February 1, (1956)

In connection with the 25th Anniversary meeting of the American Institute of Physics the member societies are holding special meetings together at the end of January and first of February in 1956. Member societies will be sponsors of certain programs and that of the Optical Society will be a series of invited papers on the morning of February 1st. The meetings are to be held from January 30 to February 3 with the American Physical Society sponsoring sessions from Monday, January 30 to Friday, February 3rd. The Acoutical Society of America will sponsor a session on Wednesday afternoon, February 1. The American Association of Physics Teachers will hold sessions from Monday the 30th to Thursday the 2nd.

There will be a dinner meeting on Wednesday evening, February 1st at which Professor I. I. Rabi will be one of the speakers. On Thursday morning, February 2nd there will be a joint session of the American Physical Society and the American Association of Physics Teachers. In the afternoon of February 2nd, there will be a special American Institute of Physics Session with paper by H. B. G. Casimir, Philips Holland, J. Robert Oppenheimer of the Institute of Advanced Studies, Princeton and J. A. Stratton of the Massachusetts Institute of Technology, Cambridge.

All sessions are scheduled for the Hotel New Yorker except the morning and afternoon sessions of Thursday, February 2nd, which are to be held in the Manhattan Center which is close to the Hotel New Yorker.

Philadelphia - April 5, 6, and 7, (1956)

The spring meeting of the Optical Society of America is scheduled for April 5, 6 and 7, in Philadelphia. The Program Chairman is Henry Aughey. A symposium is being arranged in the field of physiological optics. It is expected that the Society will recognize with appropriate papers the 250th Anniversary of the birth of Benjamin Franklin.

Annual Meeting - October 18, 19, 20 (1956)

The fall meeting for 1956 is scheduled for Lake Placid, New York which is an arboreal shift from the usual New York City area and should offer a color symposium of autumn foliage.

Spectroscopy Seminar, University of Florida

The Fourth Annual Spectroscopy Seminar will be held at the University of Florida on January 4, 5, and 6, 1956. Lecturers will be William F. Meggers of the National Bureau of Standards, J. Rand McNally, Jr. and Cyrus T. Feldman of Oak Ridge National Laboratory, and L. E. Zeeb of National Spectrographic Laboratories, Inc. For information or copy of the program, write to Professor William T. Tiffin, College of Engineering, Gainesville, Florida.

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Western Spectroscopy Association to Meet at the University of California in Berkeley on January 26 and 27, 1956.

The Western Spectroscopy Association, organized in 1953 to fill the need felt by spectroscopists in the eleven western states for regular west-coast scientific meetings concerned with the general field of molecular spectroscopy, will hold its third annual two-day conference in Lewis Hall on the University of California's Berkeley campus on January 26 and 27, 1956. The program will consist entirely of invited papers, with one session devoted to a panel discussion on Frontiers of Research in Infrared and Microwave Spectroscopy. Another half day will be devoted to astrophysical spectroscopy, one to paramagnetic resonance spectroscopy, and one to the spectra of dye molecules and rare earth ions. There will be an instrument exhibit, chiefly of commercial spectroscopic equipment, and certain social events will be planned. All interested persons are welcome to attend this meeting. Further information can be obtained from the present Chairman of the Association, Dr. John W. Otvos of the Shell Development Company, Emeryville, California.

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Dictionary of Color Names

The National Bureau of Standards has issued as Circular 553, "The ISCC-NBS Method of Designating Colors and a Dictionary of Color Names" by Kenneth L. Kelly and Deane B. Judd. A formal review of this book will appear in a future issue of our Journal but we would like to call your attention to the preface. The following makes it clear why such a dictionary is needed and why it should prove most helpful and useful. "As the language developed, more and more color names were invented to describe the colors used by art and industry and in late years in the rapidly expanding field of sales promotion. Some of these refer to the pigment or dye used, as Ochre Red or Cochineal, or a geographical location of its source such as Naples Yellow or Byzantium. Later when it became clear that most colors are bought by or for women, many color names indicative of the beauties and wiles of the fair sex were introduced, as French Nude, Heart's Desire, Intimate Mood, or Vamp. Fanciful color names came into vogue such as Dream Fluff, Happy Day, Pearly Gates, and Wafted Feather. Do not suppose that these names are without economic importance; for a dark reddish gray hat for Milady might be a best seller if advertised as Mauve Wine whereas it probably would not if the color were called Paris Mud. Some color names, such as Blue Turquoise or Golden Poppy, are at the same time self-explanatory and also suited to the promotion of the sales of fabrics. Other color names are not what they seem, for how would one know that African Green is in reality a blue or that blue Fox will turn out to be a reddish gray? Literature is indeed richer because of such color names as Cold Morn, Folly, Kitten's Ear, Languid Lavender, Risigal, Teen Age Pink, and Zedoary Wash, and their precise meanings deserve to be systematically listed."

Walter P. Brode

November 16, 1955 Editor.

Errata*

1950, Vol. 40

Tilton, L. W., Plyler, E. K., and Stephens, R. E. "Refractive Index of Silver Chloride for Visible and Infrared Radiant Energy."

Page 543, Table II, column 3 should read: "1.98847" instead of "1.99847."

1954, Vol. 44

Sanders, C. L., Stevens, B. A., and Middleton, W. E. K. "The Primary Standard of Luminous Intensity at the National Intensity at the National Research Council of Canada."

Page 88, Table III, column 2, line 2 should read: "0.9958" instead of "1.0042."

Fisher, P. "Resolution and Dispersion of a Concave Grating Spectrometer Using a Photomultiplier Detector."

Page 665, column 2, last sentence, should read: "For $\sigma=1/570$ mm, $R=1000$ mm, and $i=85°$, Eq. (3) gives the dispersion as 17.5 A/mm at 5 A and 16.5 A/mm at 1000 A, etc."

Petch, H. E., and Megaw, H. E. "Crystal Structure of Brucite $Mg(OH)_2$ and Portlandite $Ca(OH)_2$ in relation to Infrared Absorption."

Page 744 in the title and throughout the Letter: "$(MgOH_2)$" should be changed to "$Mg(OH)_2$" and "$(CaOH_2)$" changed to "$Ca(OH)_2$."

Page 803, Fig. 9 has been printed upside down; as shown, time progresses from right to left. This is not in conformance with the time scale of Fig. 8.

Subject Index for 1954.

Page 902, under the heading "Light Scattering": the listing of an instrument for angular range 0.05–140° should read page "833" instead of "823."

1955, Vol. 45

Plyler, Earle K., Blaine, L. R., and Connor, W. S. "Velocity of Light from the Molecular Constants of Carbon Monoxide."

Page 106, column 2, lines 3 and 4, subscripts 1 and 0 should be attached to the B's.

Page 106, column 2, line 13. e's should be replaced by e^2's.

line 19. A plus sign should be inserted between m_i^2 and $[-4D]$.

Baum, William A. and Dunkelman, Lawrence, "Horizontal Attenuation of Ultraviolet Light by the Lower Atmosphere."

The Ciechomski and Herzberg band systems of oxygen in the near ultraviolet were erroneously taken to be the same. The bands observed in our work were actually the Herzberg bands ($^3\Sigma_u^+ - {}^3\Sigma_g^-$) and not the Ciechomski bands. The latter are obtained in oxygen at high pressure.

"Herzberg" should be substituted for "Ciechomski" in the following places:

Page 168, column 1, line 8.
Page 170, column 2, line 42.
Page 170, caption for Fig. 3.
Page 174, column 2, line 10.
Page 175, caption for Fig. 9.

* The reverse side of this printed page is blank so that readers may cut out the corrections and attach them to the individual articles.